



#15 / I.D.S

Form PTO-1449 INFORMATION DISCLOSURE CITATION BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY) Page 1 of 2	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 33796	SERIAL NO. 09/889,802
	APPLICANT: Roland Kreutzer et al.		
	FILING DATE: September 17, 2001	GROUP ART UNIT: 1635	

U.S. PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Name	Class	Subclass	Filing Date If Appropriate
PV	A	5,712,257	01/1998	Carter	514	44	

FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Subclass	Translation
BW	B	196 31 919 C2	07/1998	DE			English abstract
BL	C	196 18 797 A1	10/1996	DE			English abstract

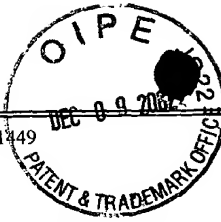
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
BW	D	Asanuma, H., Ito, T., Yoshida, T., Liang, X. & Komiyama, M. (1999). Photoregulation der Bildung und Dissoziation eines DNA-Duplexes durch cis-trans-Isomerisierung einer Azobenzoleinheit. <i>Angew. Chem.</i> 111, 2547-2549. Abstract					
	E	Azhayeva, E., Azhayev, A., Auriola, S., Tengvall, U., Urtti, A. & Lönnberg, H. (1997). Inhibitory properties of double helix forming circular oligonucleotides. <i>Nucl. Acids Res.</i> 25, 4954-4961.					
	F	Castelli, J., Wood, K.A. & Youle, R.J. (1998). The 2-5A system in viral infection and apoptosis. <i>Biomed. Pharmacother.</i> 52, 386-390.					
	G	Datenbank MEDLINE bei STN: AN 1999091059 MEDLINE; DN 99091059 zu: Use of dsRNA-mediated genetic interference to demonstrate that frizzled and frizzled 2 act in the wingless pathway. Kennerdell J.R.; Carthew R.W.; CELL, (1998 Dec 23) 95 (7) 1017-26. Abstract					
	H	Dolinnaya, N.G., Blumenfeld, M., Merenkova, I., Oretskaya, T.S., Krynetskaya, N.F., Ivanovskaya, M.G., Vasseur, M. & Shabarova, Z.A. (1993). Oligonucleotide circularization by template-directed chemical ligation. <i>Nucl. Acids Res.</i> 21, 5403-5407.					
	I	Expert-Bezancon, A., Milet, M. & Carbon, P. (1983). Precise localization of several covalent RNA-RNA cross-link in <i>Escherichia coli</i> 16S RNA. <i>Eur. J. Biochem.</i> 136, 267-274.					
	J	Fire, A., Xu, S., Montgomery, M.K., Kostas, S.A., Driver, S.E. & Mello, C.C. (1998). Potent and specific genetic interference by double-stranded RNA in <i>Caenorhabditis elegans</i> . <i>Nature</i> 391, 806-811.					
	K	Fire, A. et al. (1998) Specific interference by ingested dsRNA. <i>Nature</i> 395, 854					
	L	Gao, H., Yang, M., Patel, R. & Cook, A.F. (1995). Circularization of oligonucleotides by disulfide bridge formation. <i>Nucl. Acids Res.</i> 23, 2025-2029.					
	M	Gryaznov, S.M. & Letsinger, R.L. (1993). Template controlled coupling and recombination of oligonucleotide blocks containing thiophosphoryl groups. <i>Nucl. Acids Res.</i> 21, 1403-1408.					
BW	N	Kaufman, R.J. (1999). Double-stranded RNA-activated protein kinase mediates virus-induced apoptosis: A new role for an old actor. <i>Proc. Natl. Acad. Sci. USA</i> 96, 11693-11695.					

Examiner: <i>Brian A. H...</i>	Date Considered: 3/18/02
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*Examiner: Initial if reference considered, regardless of whether citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 33976	SERIAL NO. 09/889,802
INFORMATION DISCLOSURE CITATION BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY) Page 2 of 2				APPLICANT: Roland Kreutzer et al.	
				FILING DATE: September 17, 2001	GROUP ART UNIT: 1635
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)					
Bh	O	Lipson, S.E. & Hearst, J.E. (1988). Psoralen cross-linking of ribosomal RNA. In <i>Methods in Enzymology</i> Anonymous pp. 330-341.			
	P	Liu, Z.R., Sargueil, B. & Smith, C.W. (1998). Detection of a novel ATP-dependent cross-linked protein at the 5' splice site-U1 small nuclear RNA duplex by methylene blue-mediated photo-cross-linking. <i>Mol. Cell. Biol.</i> 18 , 6910-6920.			
	Q	Micura, R. (1999). Cyclic oligoribonucleotides (RNA) by solid-phase synthesis. <i>Chem. Eur. J.</i> 5 , 2077-2082.			
	R	Montgomery, M.K. (1998) Double-stranded RNA as a mediator in sequence-specific genetic silencing and co-suppression. <i>TIG</i> 14 No. 7, 255-258			
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	T	Wang, S. & Kool, E.T. (1994). Circular RNA oligonucleotides. Synthesis, nucleic acid binding properties, and a comparison with circular DNAs. <i>Nucl. Acids Res.</i> 22 , 2326-2333.			
	U	Wang, Z. & Rana, T.M. (1996). RNA conformation in the Tat-TAR complex determined by site-specific photo-cross-linking. <i>Biochem.</i> 35 , 6491-6499.			
	V	Watkins, K.P. & Agabian, N. (1991). <i>In vivo</i> UV cross-linking of U snRNAs that participate in trypanosome trans-splicing. <i>Genes & Development</i> 5 , 1859-1869.			
	W	Wengel, J. (1999). Synthesis of 3'-C- and 4'-C-branched oligodeoxynucleotides and the development of locked nucleic acid (LNA). <i>Acc. Chem. Res.</i> 32 , 301-310.			
Bz	X	Zwieb, C., Ross, A., Rinke, J., Meinke, M. & Brimacombe, R. (1978). Evidence for RNA-RNA cross-link formation in <i>Escherichia coli</i> ribosomes. <i>Nucl. Acids Res.</i> 5 , 2705-2720.			
Examiner:		Bris & Hanna		Date Considered: 3/18/05	
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